

JAPANESE

[JP,08-237058,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE INVENTION
TECHNICAL PROBLEM MEANS OPERATION
EXAMPLE DESCRIPTION OF DRAWINGS DRAWINGS

[Translation done.]

* NOTICES *

JPO and INPIT are not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

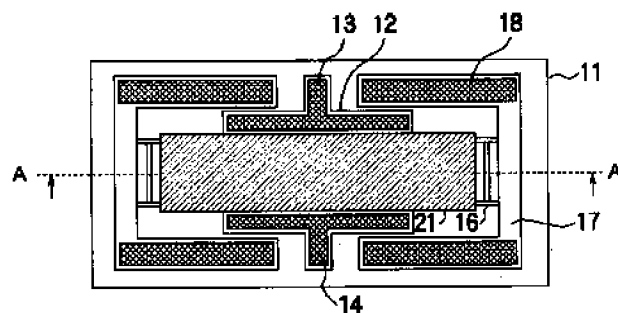
[Claim(s)]

[Claim 1] A surface acoustic wave apparatus comprising provided with a transducer which excites a surface acoustic wave based on a high frequency signal which was formed in the shape of a blind on a piezoelectric board, and was given: An insulator layer deposited on said transducer. It is formed on said insulator layer and is predetermined remnant magnetization and coercive force.

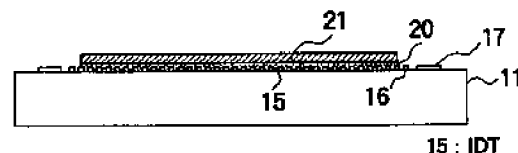
[Claim 2] A board of a ferromagnetic which has predetermined remnant magnetization and coercive force for the surface acoustic wave apparatus according to claim 1, A frequency characteristic adjustment method of a surface acoustic wave apparatus permanent-magnet-izing said board, a film, or a thin film of a stem and the ferromagnetic according to claim 1, carrying on a film or a stem and

Drawing selection

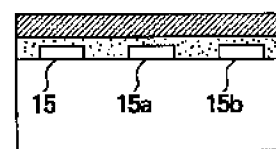
Representative draw



(1)上面図



(2) A-A 断面図



(3)拡大断面図



本発明の第1の実施例の弾性表面波共振子

[Translation done.]

applying a vertical static magnetic field to the piezoelectric board according to claim 1, and making surface pressure of said piezoelectric board regularity.

[Claim 3]The surface acoustic wave apparatus according to claim 1 which carries out the feature of having formed in said piezoelectric board bottom a thin film of a ferromagnetic which has predetermined remnant magnetization and coercive force.

[Claim 4]A frequency characteristic adjustment method of a surface acoustic wave apparatus permanent-magnet-izing a thin film of a ferromagnetic of the upper and lower sides of said piezoelectric board, applying a vertical static magnetic field to the piezoelectric board according to claim 3, and making surface pressure of said piezoelectric board regularity.

[Claim 5]In a surface acoustic wave apparatus provided with a transducer which excites a surface acoustic wave based on a high frequency signal which was formed in the shape of a blind on a piezoelectric board, and was given, A surface acoustic wave apparatus providing an insulator layer deposited on said transducer, and a thin film of a ferromagnetic which is formed on said insulator layer and does not have remnant magnetization and coercive force.

[Claim 6]A board of a ferromagnetic which does not have remnant magnetization and coercive force in the surface acoustic wave apparatus according to claim 5, A frequency characteristic adjustment method of a surface acoustic wave apparatus magnetizing said board, a film, or a thin film of a stem and the ferromagnetic according to claim 5, carrying on a film or a stem and applying a vertical variable static magnetic field to the piezoelectric board according to claim 5, and adjusting surface pressure of said piezoelectric board.

[Claim 7]The surface acoustic wave apparatus according to claim 5 which carries out the feature of having formed a thin film of a ferromagnetic which does not have remnant magnetization and coercive force in said piezoelectric board bottom.

[Claim 8]A frequency characteristic adjustment method of a surface acoustic wave apparatus magnetizing a thin film of a ferromagnetic of the upper and lower sides of said piezoelectric board, applying a vertical variable static magnetic field to the piezoelectric board according to claim 7, and adjusting surface pressure of said piezoelectric board.

[Translation done.]